

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|---------------------|
| 1 | 12 | (gerald near2 friese).in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/12 14:19 |
| - | 2 | 20020016070.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 14:45 |
| - | 4 | 6159826.pn. or 6239494.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 14:46 |
| - | 1987 | bond near2 pad same (copper or cu) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 14:47 |
| - | 60 | bond near2 pad same (copper or cu) same probe | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:03 |
| - | 56 | bond\$3 near2 pad same probe same barrier | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:07 |
| - | 4175 | bond\$3 near2 pad near10 structure | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:07 |
| - | 194 | bond\$3 near2 pad near10 structure same probe | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:08 |
| - | 43 | bond\$3 near2 pad near10 structure same probe near2 (region or pad or area) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:08 |
| - | 110 | bond\$3 near2 pad near10 structure near20 probe near2 (region or pad or area) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:08 |
| - | 109 | bond\$3 near2 pad near10 structure near15 probe near2 (region or pad or area) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:15 |
| - | 3 | "03003458" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:15 |
| - | 6 | "3003458" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 15:16 |
| - | 1 | 6600226.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:15 |

| | | | | |
|---|------|---|---|---------------------|
| - | 120 | diffus\$4 near4 barrier near10 bond\$4 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:15 |
| - | 31 | diffus\$4 near4 barrier near10 bond\$4 near2 pad near10 (via or trench or inter\$1connect\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:36 |
| - | 5 | diffus\$4 near4 barrier near10 bond\$4 near2 pad near10 probe | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:37 |
| - | 1308 | bond\$4 near2 pad near10 probe | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:37 |
| - | 1295 | bond\$4 near2 pad near10 probe near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:38 |
| - | 17 | bond\$4 near2 pad near10 probe near2 pad near10 etch\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:58 |
| - | 41 | oxide near2 dielectric near4 (boron or phosphorous) near3 dop\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/10 16:58 |
| - | 1410 | passivat\$4 near2 layer near10 bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/11 13:53 |
| - | 380 | passivat\$4 near2 layer near10 bond\$3 near2 pad near10 etch\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/11 13:54 |
| - | 11 | passivat\$4 near2 layer near10 bond\$3 near2 pad near10 etch\$4 near10 prob\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/11 13:56 |
| - | 1825 | bond\$3 near2 pad near10 thick\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/11 13:57 |
| - | 232 | bond\$3 near2 pad near10 thick\$4 near10 (al or aluminum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/11 13:57 |
| - | 147 | bond\$3 near2 pad near5 thick\$4 near10 (al or aluminum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/11 13:57 |
| - | 55 | bond\$3 near2 pad near2 thick\$4 near10 (al or aluminum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/11 13:57 |

| | | | | |
|---|------|--|---|---------------------|
| - | 4 | (al or aluminum) near2 (bond\$3 near2 pad) same (copper or cu) near4 (line) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 15:27 |
| - | 566 | barrier near2 metal near10 (tin titanium or tungsten) near(tan or ta or tantalum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 15:28 |
| - | 1 | barrier near2 metal near10 (tin titanium or tungsten) near2 (tan or ta or tantalum) near10 (bond\$3 near2 pad) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 15:29 |
| - | 1 | barrier near2 metal near10 (tin titanium or tungsten) near2 (tan or ta or tantalum) near20 (bond\$3 near2 pad) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 15:57 |
| - | 1 | barrier near2 metal near10 (tin titanium or tungsten) near10 (tan or ta or tantalum) near20 (bond\$3 near2 pad) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 15:58 |
| - | 3 | barrier near2 metal near10 (tin titanium or tungsten) near10 (tan or ta or tantalum) near20 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 15:59 |
| - | 828 | barrier near2 metal near10 (tin titanium or tungsten) near10 (tan or ta or tantalum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 15:59 |
| - | 118 | barrier near2 metal near10 (tin titanium or tungsten) near10 (tan or ta or tantalum) near10 (diffus\$) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:02 |
| - | 1 | barrier near2 metal near10 (tin titanium or tungsten) near10 (tan or ta or tantalum) near10 (diffus\$) and bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:03 |
| - | 6330 | dielectric near2 defin\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:03 |
| - | 373 | dielectric near2 defin\$5 near10 insulat\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:04 |
| - | 181 | dielectric near2 defin\$5 near10 insulat\$4 and @py<2000 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:25 |
| - | 10 | (copper or cu) near10 metal near2 line near20 bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:29 |
| - | 81 | (copper or cu) near10 line near20 bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:33 |

| | | | | |
|---|------|---|---|---------------------|
| - | 228 | (copper or cu) near10 line near5 metal\$5 and bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 16:44 |
| - | 2 | 5785236.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:11 |
| - | 287 | (aluminum or al) near5 interconnect\$4 near20 bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:12 |
| - | 150 | (aluminum or al) near2 interconnect\$4 near20 bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:12 |
| - | 2 | (aluminum or al) near2 interconnect\$4 near20 bond\$3 near2 pad near4 (aluminum or al) near20 (copper or cu) near4 line | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:12 |
| - | 113 | (aluminum or al) near2 interconnect\$4 near20 bond\$3 near2 pad near4 (aluminum or al) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:13 |
| - | 3410 | (copper or cu) near10 refract\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:27 |
| - | 56 | (copper or cu) near10 refract\$4 near5 line | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:29 |
| - | 2732 | conduct\$5 near5 line near10 (copper or cu) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:29 |
| - | 1658 | conduct\$5 near2 line near10 (copper or cu) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:29 |
| - | 221 | conduct\$5 near2 line near10 (copper or cu) near10 circuit | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:29 |
| - | 5 | conduct\$5 near2 line near10 (copper or cu) near10 circuit same bond\$3 near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:30 |
| - | 176 | conduct\$5 near2 line near5 (copper or cu) near10 circuit and py<2001 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/11 17:31 |
| - | 101 | conduct\$5 near2 line near5 (copper or cu) near10 circuit and @py<2001 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:28 |

| | | | | |
|---|------|---|---|---------------------|
| - | 6347 | bond near2 pad near5 wire | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:28 |
| - | 1445 | bond near2 pad near5 wire near10 device | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:28 |
| - | 65 | bond near2 pad near5 wire near10 device near5 (al or aluminum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:30 |
| - | 1 | bond near2 pad near5 wire near10 device near5 permanent\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:30 |
| - | 19 | bond near2 pad near5 wire near10 permanent\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:35 |
| - | 16 | bond near2 pad near10 bond near2 wire near10 permanent\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:37 |
| - | 19 | bond near2 pad near10 wire near10 permanent\$5 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:46 |
| - | 1621 | barrier near2 layer near5 (titanium ti tin) near5 (tantalum or tan or ta) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:47 |
| - | 0 | barrier near2 layer near5 (titanium ti tin) near5 (tantalum or tan or ta) near10 bond near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:47 |
| - | 0 | barrier near2 layer near5 (titanium ti tin) near5 (tantalum or tan or ta) near20 bond near2 pad | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:47 |
| - | 52 | barrier near2 layer near5 (titanium ti tin) near5 (tantalum or tan or ta) near5 (copper and aluminum) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2004/03/12 10:47 |

BEST AVAILABLE COPY